

Abstract

A process for the aerobic-thermophilic stabilization and disinfection of sludge, wherein:

- 5      a)      raw sludge having a dry matter content of from 3 to 7 % by weight is fed to a first stage, where said raw sludge remains during an average retention time of from four to ten days at temperatures of at least 42 °C with the introduction of an oxygen-containing gas to obtain a partially stabilized sludge;
- 10     b)      said partially stabilized sludge is fed to a second stage in which said partially stabilized sludge is further stabilized and disinfected for an average retention time which is 30 to 70 % of the average retention time of the first stage at temperatures of above 50 °C with the introduction of an oxygen-containing gas.